

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3746/\$  
/ cc  
JFW

Group Art Unit: 3746  
Applicant: Bruno Wittwer  
Serial No: 09/831,615  
Filing Date: April 29, 2003  
For: PISTON PUMP



INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant is submitting herewith three references, all of which are listed in the enclosed PTO-1449 form. Applicant respectfully requests these references to be considered during the prosecution of the above-captioned patent application.

French Publication 2 700 809, one of the above-mentioned references, discloses a slide pumping mechanism for a cooling product, most notably a liquid. This pumping mechanism allows means for pumping to a variable volume chamber 12 furnished with at least one orifice of aspiration 2a with a valve 2 and at least one orifice of repression/drive-back 4a with valve 4. The same means of pumping is provided with the means of operation, activated by an alternating back and forth movement. Distinguished in that the means of operation includes a pipe 3 joined together with a variable volume chamber and capping by an air tight or waterproof means. The above-mentioned orifice of repression/drive-back for 4a with the valve 4 and pipe 3 form a pipe to pump out the water for the driven-back cooling product.

09/09/2004 EFLORES 00000022 09831615

01 FC:1806

180.00 00

3327854v1  
19724/087004

It is respectfully submitted that none of the references cited in PTO-1449 form disclose the invention. It is respectfully submitted that the above-captioned patent application is in condition for allowance, which allowance is respectfully solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'David J. Simonelli', is written over a horizontal line.

David J. Simonelli, (Reg. No. 36,680)  
Clark Hill PLC  
500 Woodward Avenue, Suite 3500  
Detroit, MI 48226-3435  
(313) 965-8667

Date: **September 1, 2004**

Attorney Docket No: 19724-087004

Enclosures

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
19724-087004

In Re Application:

**PISTON PUMP**

Application No.

09/831,615

Filing Date

04/29/2003

Examiner

Customer No.

28886

Group Art Unit

3746

Confirmation No.

5847

Title:

**PISTON PUMP****Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-1759 as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☒ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_)

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" Sept. 1, 2004.

(Date)

Signature of Person Mailing Correspondence

Karen E. Pesta

Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account

Dated: September 1, 2004

CC:

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
19724-087004

In Re Application Of:

Bruno Wittwer

SEP 07 2004  
PATENT & TRADEMARK OFFICE

Application No.

09/831,615

Filing Date

04/29/2003

Examiner

Customer No.

28886

Group Art Unit

3746

Confirmation No.

5847

Title:

PISTON PUMP

Address to:

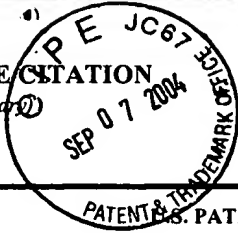
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);**OR**☒ the fee set forth in 37 CFR 1.17(p).

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				<b>Docket Number (Optional)</b> 19724-087004		<b>Application Number</b> 09/831,615	
				<b>Applicant(s)</b> Bruno Wittwer		<b>Group Art Unit</b> 3746	
				<b>Filing Date</b> 04-29-03			
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	AU 22650/77	31AUG1978	Australia				
	WO/89/08189 A1	8SEPT1989	WIPO				
	FR 2700809 A1	29JUL1994	France				
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			
<b>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b>							